

Abstract

The invention relates to an x-ray anode and a process for its manufacture. The x-ray anode is characterized in that the anode material is embodied as a layer on a diamond window. The x-ray anode is preferably used with x-ray units which require as selective as possible x-radiation production to achieve as high as possible radiation intensity. Use in x-ray microscopes in which a high radiation intensity guarantees the highest resolutions is particularly preferred.